

CLAIMS

1. Connector adapted for mating with a header (14) with one or more side grounding pins (16), comprising a first insulating connector body part (4) with one or more receiving spaces for a side grounding pin (16), a conductive shield (11, 19), substantially covering a first face of the connector body part (4), and one or more outer flexible beams (18), in electrical contact with the shield (11, 19), and each protruding into a receiving space, characterised in that the connector comprises one or more inner flexible beams (20), each positioned relative to an outer flexible beam (18) so as to make contact with the outer flexible beam (18) when it is forced out of the receiving space.

2. Connector according to claim 1, wherein the connector comprises a second conductive shield (11, 19) located on a face of the connector opposite the first face and in electrical contact with the first conductive shield (11, 19).

3. Connector according to claim 2, wherein at least one inner flexible beam (20) is in electrical contact with the second conductive shield (11, 19).

4. Connector according to any one of the previous claims, wherein each beam (18, 20) is an integral part of a conductive shield (11, 19).

5. Connector according to any one of the previous claims, wherein the inner flexible beam (20) is in contact with the outer flexible beam (18) when the outer flexible beam (18) protrudes into the receiving space.

6. Connector according to any one of the previous claims, wherein the inner flexible beam (20) is part of a rim (13) of a conductive shield (11) and the outer flexible beam (18) covers the inner flexible beam (20) and adjacent cut out areas of the rim (13).

7. Connector according to any one of the previous claims, wherein at least the outer flexible beam (18) has a

distal portion (29), which is bent away from the receiving space.

8. Connector assembly, comprising a plurality of connectors (1) according to any one of claims 1-7.